

DIGI® DC-190 Ultra Series

Counting Scales



STANDARD FEATURES

- AC or rechargeable battery* operation (battery optional)
- Three fluorescent displays for weight, unit weight and quantity
- Lb/kg weight display conversion
- Four scale channels including three load cell channels (1 or 2 internal)
- Six setpoints for automatic checkweighing
- Three RS-232 ports for connecting to peripherals such as bar code printers, ticket/tape printers, bar code laser/pen scanners, PCs or a force balance
- Net/gross weight display
- Accumulation and subtraction functions
- Custom label formatting
- 200 item memory

* Batteries not included

SPECIFICATIONS

INTERNAL RESOLUTION:

1/1,000,000

WEIGHT DISPLAY RESOLUTION:

1/2500, 1/5000, 1/10,000

DISPLAY:

Vacuum Florescent Display (VFD)
Weight: five-digits
Unit Weight: five-digits
Quantity: seven-digits

POWER SOURCE:

100-120VAC, (50/60Hz) 20W

ZERO ADJUST RANGE:

±100% full scale

A/D CONVERSION RATE:

10 times/second

MEMORY ITEMS:

200 items, expandable with IMS software

LOAD CELL EXCITATION:

12VDC

LOAD CELL INPUT CONNECTOR:

Amphenol 14-pin

SCANNER CONNECTOR:

8-pin DIN

PC OR BAR CODE LABEL PRINTER CONNECTOR:

8-pin DIN (RS-232C) or
D-Sub 9-pin (RS -232C)

SETPOINT OUTPUT CONNECTOR:

8-pin mini DIN (24V open collector)

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

DIMENSIONS:

Overall: 16.5in W x 16.5in L x 4.9in H
(419mm W x 419mm L x 124mm H)

ESTIMATED SHIPPING WEIGHT:

23lb (10kg)

WARRANTY:

Two-year limited warranty

DIGI® S-XL/S-XD Platform Series



STANDARD FEATURES

- Stainless steel platter
- Single-point strain gauge load cell
- Adjustable legs
- Leveling bubble
- Maintains 0.02% accuracy through full range

SPECIFICATIONS

OUTPUT IMPEDANCE:

350 ± 5 ohms

INSURANCE RESISTANCE:

500 ohms or more

LOAD CELL TYPE:

K-type DIGI

RATED OUTPUT:

1 mV/V ±7/5%

RECOMMENDED EXC. VOLTAGE:

5-12 ±0.5VDC

LOAD CELL CABLE LENGTH:

6ft (1.8m)

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

ESTIMATED SHIPPING WEIGHT:

20lb (9kg)

WARRANTY:

Two-year limited warranty

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PART#	DESCRIPTION	WEIGHING RESOLUTION	PLATTER	EST. SHIP WEIGHT	PRICE
DC-190 – Single Platform (S-XL); 4 Channel System					
74246	DC-190, 1 lb	0.0001 lb	6 in x 8 in	23lb (10kg)	Consult factory
74247	DC-190, 2.5 lb	0.0002 lb	7 in x 10 in	23lb (10kg)	Consult factory
74248	DC-190, 5 lb	0.0005 lb	11 in x 16 in	23lb (10kg)	Consult factory
74249	DC-190, 10 lb	0.001 lb	11 in x 16 in	23lb (10kg)	Consult factory
74250	DC-190, 25 lb	0.002 lb	11 in x 16 in	23lb (10kg)	Consult factory
74251	DC-190, 50 lb	0.005 lb	11 in x 16 in	23lb (10kg)	Consult factory
74252	DC-190, 100 lb	0.01 lb	11 in x 16 in	23lb (10kg)	Consult factory
DC-190 – Dual Platform** (S-XD); 4 Channel System					
74267	DC-190, 1/10 lb	0.0001/0.001 lb	4 in x 6 in/9 in x 12	23lb (10kg)	Consult factory
74268	DC-190, 1/25 lb	0.0001/0.002 lb	4 in x 6 in/9 in x 12	23lb (10kg)	Consult factory
74269	DC-190, 1/50 lb	0.0001/0.005 lb	4 in x 6 in/9 in x 12	23lb (10kg)	Consult factory
74271	DC-190, 2.5/25 lb	0.0002/0.002 lb	4 in x 6 in/9 in x 12	23lb (10kg)	Consult factory
74272	DC-190, 2.5/50 lb	0.0002/0.005 lb	4 in x 6 in/9 in x 12	23lb (10kg)	Consult factory

OPTIONS/ACCESSORIES

53827	Rechargeable battery, lead acid type				Consult factory
74659	DC-190 Ultra console only (controls up to 4 channels) includes power supply				Consult factory
73182	Column assembly, 20 in (508 mm) high				Consult factory
53828	Y cable (two remote channels)				Consult factory
32375	14-pin load cell connector, Amphenol				Consult factory
74634	Additional operating manual				Consult factory
35319	14 pin load cell connector with 20 ft of cable				Consult factory
23113	Epson TM-U295 ticket printer				Consult factory
41279	Cable for TM-U295 or TM-U200, 9-pin D-sub to 25-pin D-sub				Consult factory
81076	Epson TM-U220 tape printer, 115/230 VAC, RS-232				Consult factory
107403	RL-22DT printer, 115/230 VAC, RS232				Consult factory
64660	Cable for RL-22DT, RL-42DT, 9-pin D-sub male to 9-pin D-sub male				Consult factory
64661	Cable for RL-22DT, RL-42DT, RL-42TT; 8-pin Din to 9-pin D-sub				Consult factory
73093	BCP-300/SE300 bar code printer, RS-232 (requires 73106)				Consult factory
73106	Cable for BCP-300, RJ11 to male 8-pin DIN				Consult factory
65619	QuickScan® QS-6000 laser bar code reader, RS-232 with 8-pin cable				Consult factory
89162	Cable, scanner QS6000 with 8-pin cable				Consult factory

S-XL – Single Platform

73272	S-XL, 1 lb		6 in x 8 in	20lb (9kg)	Consult factory
73275	S-XL, 2.5 lb		7 in x 10 in	20lb (9kg)	Consult factory
73277	S-XL, 5 lb		9 in x 12 in	20lb (9kg)	Consult factory
73273	S-XL, 10 lb		11 in x 16 in	20lb (9kg)	Consult factory
73276	S-XL, 25 lb		11 in x 16 in	20lb (9kg)	Consult factory
73278	S-XL, 50 lb		11 in x 16 in	20lb (9kg)	Consult factory
73274	S-XL, 100 lb		11 in x 16 in	20lb (9kg)	Consult factory

S-XD – Dual Platform

73262	S-XD, 1/10 lb		4 in x 6 in/9 in x 12 in	20lb (9kg)	Consult factory
73263	S-XD, 1/25 lb		4 in x 6 in/9 in x 12 in	20lb (9kg)	Consult factory
73264	S-XD, 1/50 lb		4 in x 6 in/9 in x 12 in	20lb (9kg)	Consult factory
73266	S-XD, 2.5/25 lb		4 in x 6 in/9 in x 12 in	20lb (9kg)	Consult factory
73267	S-XD, 2.5/50 lb		4 in x 6 in/9 in x 12 in	20lb (9kg)	Consult factory

For additional platforms, please refer to Bench or Floor Scales Section.

** Platter one is 4 in x 6 in (101 mm x 152 mm) and platter two is 9 in x 12 in (229 mm x 304 mm) for all capacities